

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 11-2000)		ATTORNEY'S DOCKET NUMBER <b>KIN 215</b>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/511576</b>
INTERNATIONAL APPLICATION NO. <b>PCT GB03 01546</b>	INTERNATIONAL FILING DATE <b>April 9, 2003</b>	PRIORITY DATE CLAIMED <b>April 13, 2002 / Sept. 5, 2002</b>
TITLE OF INVENTION <b>RADIO ANTENNAS</b>		
APPLICANT(S) FOR DO/EO/US <b>MAURICE CLIFFORD HATELY</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))        a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).        b. <input type="checkbox"/> has been communicated by the International Bureau.        c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).        a. <input type="checkbox"/> is attached hereto.        b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))        a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).        b. <input type="checkbox"/> have been communicated by the International Bureau.        c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.        d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p>		

U.S. APPLICATION NO. (If foreign, see 37 CFR 1.5) <b>107511576</b>		INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER	
<p>21. <input type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. .... \$1040.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$890.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$740.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$710.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00</p>		<b>CALCULATIONS PTO USE ONLY</b>		
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$		
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>		\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	15 - 20 =		x \$18.00	\$
Independent claims	3 - 3 =		x \$84.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$		
		+		
<b>SUBTOTAL =</b>		\$ 475.00		
<p>Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>		\$		
<b>TOTAL NATIONAL FEE =</b>		\$		
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</p>		\$		
<b>TOTAL FEES ENCLOSED =</b>		\$ 475.00		
		Amount to be refunded:	\$	
		charged:	\$	
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>110224</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>				
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.</p>				
<p>SEND ALL CORRESPONDENCE TO:</p> <p style="text-align: center;">Horst M. Kasper 13 Forest Drive Warren, N.J. 07059</p>				
<p style="text-align: right;"><i>Horst M. Kasper</i></p>				
<p>SIGNATURE</p>				
<p style="text-align: center;">HORST M. KASPER</p>				
<p>NAME</p>				
<p style="text-align: center;">28,559</p>				
<p>REGISTRATION NUMBER</p>				

## KINGS PATENT AGENCY LIMITED.

(INCORPORATING KINGS TRADE MARK AGENCY)

10/511576

DT01 Rec'd PCT/PTC 13 OCT 2004

MANAGING DIRECTOR  
JAMES B. KING, BSC, MINTPCHARTERED PATENT ATTORNEY  
REGISTERED TRADE MARK ATTORNEY  
EUROPEAN PATENT ATTORNEY73 FARRINGDON ROAD,  
LONDON, EC1M 3JQ

(ESTABLISHED 1886)

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E-MAIL: [kingspatent@btconnect.com](mailto:kingspatent@btconnect.com)  
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Dr. Horst M. Kasper,  
 Kasper & Laughlin,  
 13 Forest Drive,  
 Warren,  
 New Jersey 07059,  
 U.S.A.

YOUR REF:  
KIN215LIOUR REF:  
42421

11 October 2004

Dear Dr. Kasper,



Entry into the U.S. National Phase  
 PCT/GB2003/001546  
 Maurice Clifford Hately

I am sending you by fax the signed declaration and power of attorney, with the original going to you today by post. I believe that the faxed copy will be sufficient for you to deal with the filing by the deadline expiring 13th October.

The inventor has, in fact, recently changed his address as follows and perhaps this could be dealt with by amendment or possibly at a later date:

6 Ash Grove,  
 Wells,  
 Somerset BA5 2LX.  
 United Kingdom.

Regard to multiple claim dependency, please find attached our suggestions for avoiding such objection, whilst limiting the total number of claims to twenty.

If you have any queries, please do not hesitate to contact us.

Yours sincerely,  
 KINGS PATENT AGENCY LIMITED

J.B. King



DRAFT Rec'd PCT/PTO 13 OCT 2004

10/511576

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Maurice Clifford Hately

Serial No:

Art Unit:

Filing Date:

Title: RADIO ANTENNAS

Priority Application: Country: Great Britain; No.: 0208527.2; Filing Date: April 13, 2002

Priority Application: Country: Great Britain; No.: 0220608.4; Filing Date: September 5, 2002

PCT Application: No.: PCT/GB03/01546 Filing Date: April 9, 2003

October 13, 2004

Attorney's Docket No.: KIN215T1

**TRANSMITTAL LETTER**

Hon. Commissioner of Patents and Trademarks

**BOX PCT**

Washington, D.C. 20231

SIR:

Transmitted herewith for filing is:

	<i>Basic fee:</i>	\$ 475.00
<b>TOTAL CLAIMS:</b>	15 - 20 = X \$ 18.00 = \$	
<b>INDEPENDENT CLAIMS:</b>	3 - 3 = X \$ 80.00 = \$	

&lt;X&gt; Applicant claims a small entity status.

&lt;X&gt; Form PTO-1390

&lt;X&gt; Copy of the PCT application No. PCT/GB03/01546 as published – Publication No. WO 03/090309 A2 (1 cover page, 14 pages of the specification, 5 drawing sheets)

&lt;X&gt; Combined Declaration for Patent Application and Power of Attorney dated October 9, 2004 (3 pages)

&lt;X&gt; Request to Accept Patent Application for Entering U.S. National Phase under 35 USC § 371

&lt;X&gt; Claim of Priority

&lt;X&gt; PTO/SB/17(01-03)

&lt;X&gt; Preliminary Amendment dated October 13, 2004 (7 pages)

<X> Fees in the amount of **\$475.00** are to be charged to a credit card. Form PTO-2038 is enclosed

(X) The applicant hereby petitions the Commissioner of Patents and Trademarks to extend the time for response to any Office Action outstanding in the above captioned matter as necessary to avoid abandonment of the application. Please charge my deposit account No.11-0224 in the amount required to cover the cost of the extension. Any deficiency or overpayment should be charged or credited to the above account.

(X) The Commissioner is hereby authorized to charge any fees under 35 U.S.C. 1.16, and 1.17, after a mailing of a Notice of Allowance under 35 USC 1.18 or any additional fees which may be required during the entire pendency of the application, or credit any overpayment, to Acct. No.11-0224. A duplicate copy of this sheet is enclosed. If and only if account funds should be insufficient, immediately contact our associate, Lisa Zumwalt, at (703)415-0579, who will pay immediately to avoid deprivation of rights.

( ) Please charge my Deposit Account No.11-0224 in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed.

10/15/1576  
DT01 Rec'd PCT/PTO 13 OCT 2004

A signature or signatures required for the above recited document(s) is (are) provided herebelow. Such signature(s) also provide(s) ratification for any required signature appearing to be defective in the above recited document(s).

*Horst M. Kasper*

Horst M. Kasper, 13 Forest Drive, Warren, N.J.07059  
Reg. No. 28,559 Tel.(908)526-1717

**Express Mail Certification:** I hereby certify that the correspondence attached hereto is being deposited with the USPS "Express Mail Post Office to Addressee" on the date indicated below and is addressed to the Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450

*13 OCT 2004*

Deposit Date: 10-16-2004, "Express Mail Mailing Label No": TB 361 487 225 45

Signature: *Holayf* Date: 10-13-2004 *13 OCT 2004*

\*%Pci1:d:trans1(KIN215T1(October 13, 2004(mm/am

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Maurice Clifford Hately

Serial No:

Filing Date:

Title: RADIO ANTENNAS

Priority Application: Country: Great Britain; No.: 0208527.2; Filing Date: April 13, 2002

Priority Application: Country: Great Britain; No.: 0220608.4; Filing Date: September 5, 2002

PCT Application: No.: PCT/GB03/01546 Filing Date: April 9, 2003

October 13, 2004

Attorney's Docket No.: KIN215

**REQUEST TO ACCEPT PATENT APPLICATION FOR ENTERING  
UNITED STATES NATIONAL PHASE UNDER 35 USC §371**

Hon. Commissioner of Patents and Trademarks

**Box PCT**

Washington, D.C. 20231

SIR:

A patent application related to the above identified application was filed on April 9, 2003 under the PCT Treaty under the docket number PCT/GB03/01546. English translation of the originally filed PCT application PCT/GB03/01546 is enclosed with this filing.

It is respectfully requested that the present application be treated as an application filed under the Section 35 U.S.C. § 371 for transferring a PCT application PCT/GB03/01546, naming the United States, into the national phase and that the present application be granted any and all benefits and in particular those benefits relating to a priority recognition of prior filings under jurisdiction of treaty members and available under the Patent Cooperation Treaty (Washington Treaty), the Paris Convention Treaty, and under the United States Code based on the filing under the Patent Cooperation Treaty of PCT application PCT/GB03/01546.

If there should be any problems in granting the benefits available under the Patent Cooperation Treaty and/or 35 USC §371 based on such items as incompleteness of application, excessive time delays or defective application papers, then it is alternatively respectfully requested that prior to the expiration through abandonment of a filing under 35 USC §371 and under charging the required fees from deposit account, the present application be treated as an application and/or continuation application filed at a time required under any one of the sections 35 U.S.C. §111, 35 U.S.C. §363, and/or 35 U.S.C. §365(c) as applicable and that the present application be treated as a continuation or continuation-in-part application of the PCT application PCT/GB03/01546.

Recognition of PCT national phase status or, respectively, continuation or continuation-in-part status under the PCT Treaty and/or of the claimed priority dates of April 13, 2002 and September 5, 2002 is respectfully requested for the patent application documents in the above captioned matter.

Respectfully submitted,  
Maurice Clifford Hately.

By: Horst M Kasper  
Horst M. Kasper, his attorney,  
13 Forest Drive, Warren, N.J. 07059  
Tel.:(908)526-1717 Fax:(908)526-6977  
Reg. No. 28,559; Docket No.: KIN215

\*%ptn:pctnat:1(KIN215R1(October 13, 2004(am/mm

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**475.00**

Complete if Known:

**10/15/1576**

Application Number	
Filing Date	
First Named Inventor	<b>Maurice Clifford Hately</b>
Examiner Name	
Art Unit	
Attorney Docket No.	<b>KIN 215</b>

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None  
 Deposit Account:

Deposit Account Number	<b>11-0224</b>
Deposit Account Name	<b>HORST M. KASPER</b>

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee			
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
<b>SUBTOTAL (1)</b>		<b>(\$ 475.00)</b>			

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
15	-20** =		X	=	
3	- 3** =		X	=	

Large Entity	Small Entity	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$ 475.00)</b>

\*\*or number previously paid, if greater. For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ 475.00)**

(Complete if applicable)

Name (Print/Type)	<b>HORST M. KASPER</b>	Registration No. (Attorney/Agent)	<b>28,559</b>	Telephone	<b>(908)526-1717</b>
Signature	<b>HORST M. KASPER</b>				
Date	<b>10/13/2004</b>				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.